

The Organelle Trail



Grab yer hat and saddle the broncs! It's time to head down the Organelle Trail! You've just been made a U.S. Marshall!

Gather Your Facts

To complete your posters (and find your suspect), you will need to gather facts along the trail!

1. **CRIME:** What has this organelle done?
Why is this organelle "wanted"? In other words, what does it do for the cell? Or, what is the organelle's function?
2. **PHYSICAL DESCRIPTION:** What does the organelle look like? How would you know if you found the organelle?

Provide a description and an actual picture. The picture must be a sketch from a sketch artist (hand drawn by you on the computer or paper). Remember the more details you have, the easier it will be for others to identify!

3. **LOCATION:** Where should we look for the organelle?
Which of the following types of cells is this organelle found in? Make sure that you have explored, bacteria (Archaeobacteria and Eubacteria), Protists, Fungi, Plants, and Animals.
4. **ACCOMPLICES:** Who helps your organelle?
In other words, what other organelles/structures in the cell help your organelle do it's job?

The Roundup

Share the information you have discovered by completing a "WANTED" poster for your organelle/structure. The poster should include, but is not limited to:

- A large "WANTED" displayed along with the name of your organelle (large, easy to read letters) ... don't forget to add the reward amount!
- A hand drawn picture of your organelle/structure (personification in your drawing is encouraged)
- Descriptive answers (in your own words!) to all 4 questions in Part 2.
- Add a note about close relationships. Compare your organelle to an everyday object or a job that a person might have.